

- 12 -

Patent claims

1. A conveying and absorption agent, preferably for the active pharmaceutical, dietetic and cosmetic substances, characterised by that it is formed by an extract of the hemp seeds by means of carbon dioxide.

2. A conveying and absorption agent according to the claim 1, characterised by that the extract is a component of a fat, Vaseline or wax base of the pharmaceutical or cosmetic preparation.

3. A conveying and absorption agent according to the claim 1, characterised by that the extract is a component of a pharmaceutical or cosmetic preparation's base formed by propolis disposed of its pollen fraction.

4. A conveying and absorption agent according to the claim 2 or 3, characterised by that the extract weight share in the fat, wax, Vaseline, or propolis base or in the mixture of these bases equals to at least 0.5 % in weight.

5. A conveying and absorption agent according to the claim 1, characterised by that one weight share of the extract creates a mixture with two weight shares of the solution containing up to 30 % in weight of sodium bicarbonate.

- 13 -

6. A method of production of conveying and absorption agent from the hemp seeds the according to the claim 1, characterised by that the hemp seeds are milled down to hemp flour, then pressure-extracted by means of the carbon dioxide to hemp oil.

7. A method of production of conveying and absorption agent according to the claim 6, characterised by that hemp seeds are milled down to a fine hemp flour, the milled down hemp flour is then poured into the extraction cartridges that are then inserted into the extractor; the extractor gets closed and carbon dioxide is driven into it at the temperature between about 35 °C - 45 °C and under pressure between 25 MPa - 35 MPa, advantageously at 40 °C and the pressure 20 Mpa, with the hemp oil extraction process slowed down the carbon dioxide pressure in the extractor is reduced down to the value of the ambient atmospheric pressure and the hemp oil is separated from the carbon dioxide, then the carbon dioxide is taken out of the extractor to a reserve tank and stored there in its supercritical condition.

8. A method of production of conveying and absorption agent according to the claim 6 or 7, characterised by that 2 % - 35 % in weight of the crushed silicon sand is mixed into the extracted hemp oil for removal of the chlorophyll and waxes; following the surface absorption, the crushed silicon sand is filtered out.